

NS5A 1 447
HCV-J: PSLKATCTTHHDSPDADLIEANLLWRQEMGGNITRVESEN
HCV-1b: -----
HCV-1a: -----AN-----E-----
ISDR
237-276
1972 2209-2248 2419

FIG. 1A

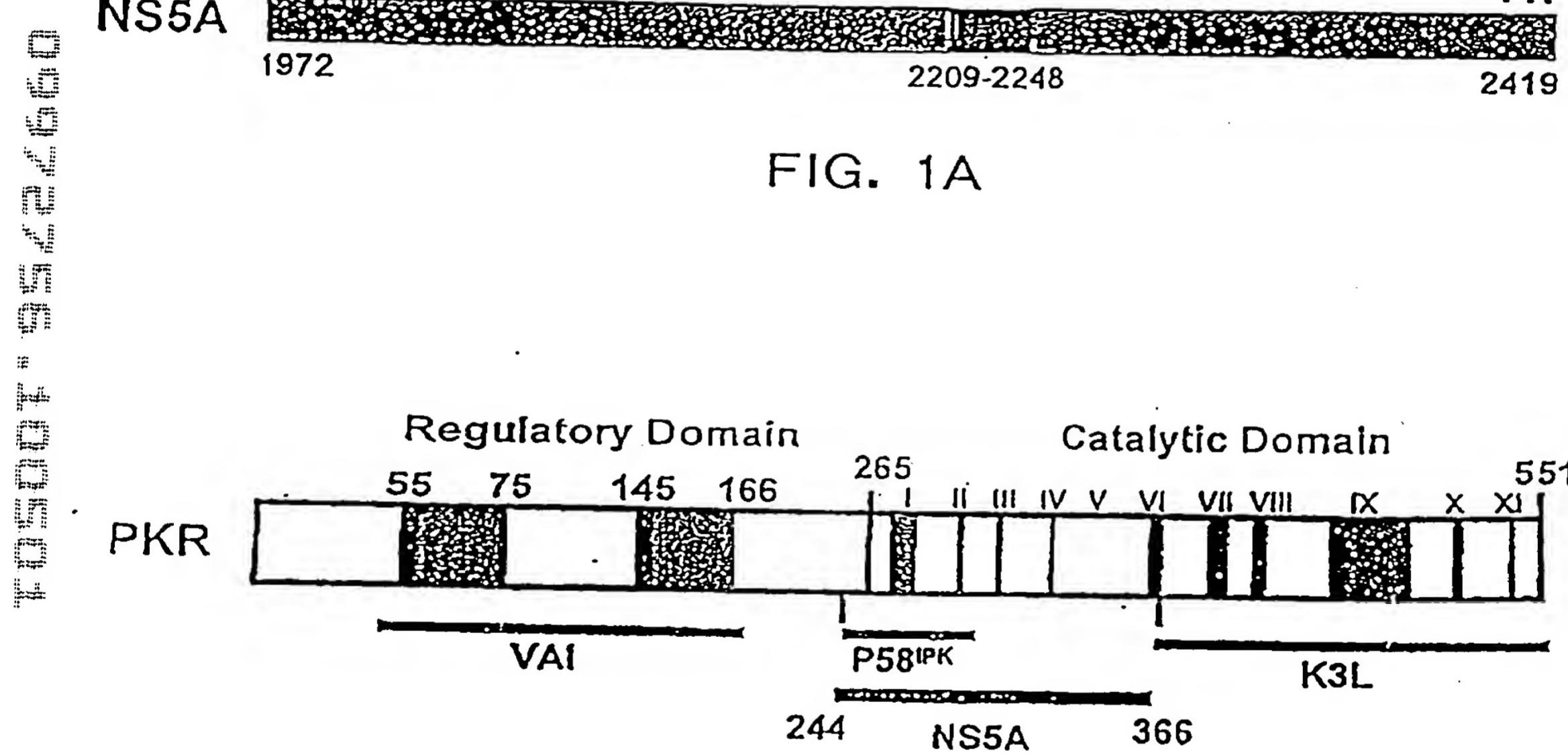


FIG. 1B

**GST-NS5A Binds the PKR Protein Kinase
Catalytic Domain *in Vitro***

100 50 10 1 0.5 0.25 0.125 0.0625 0

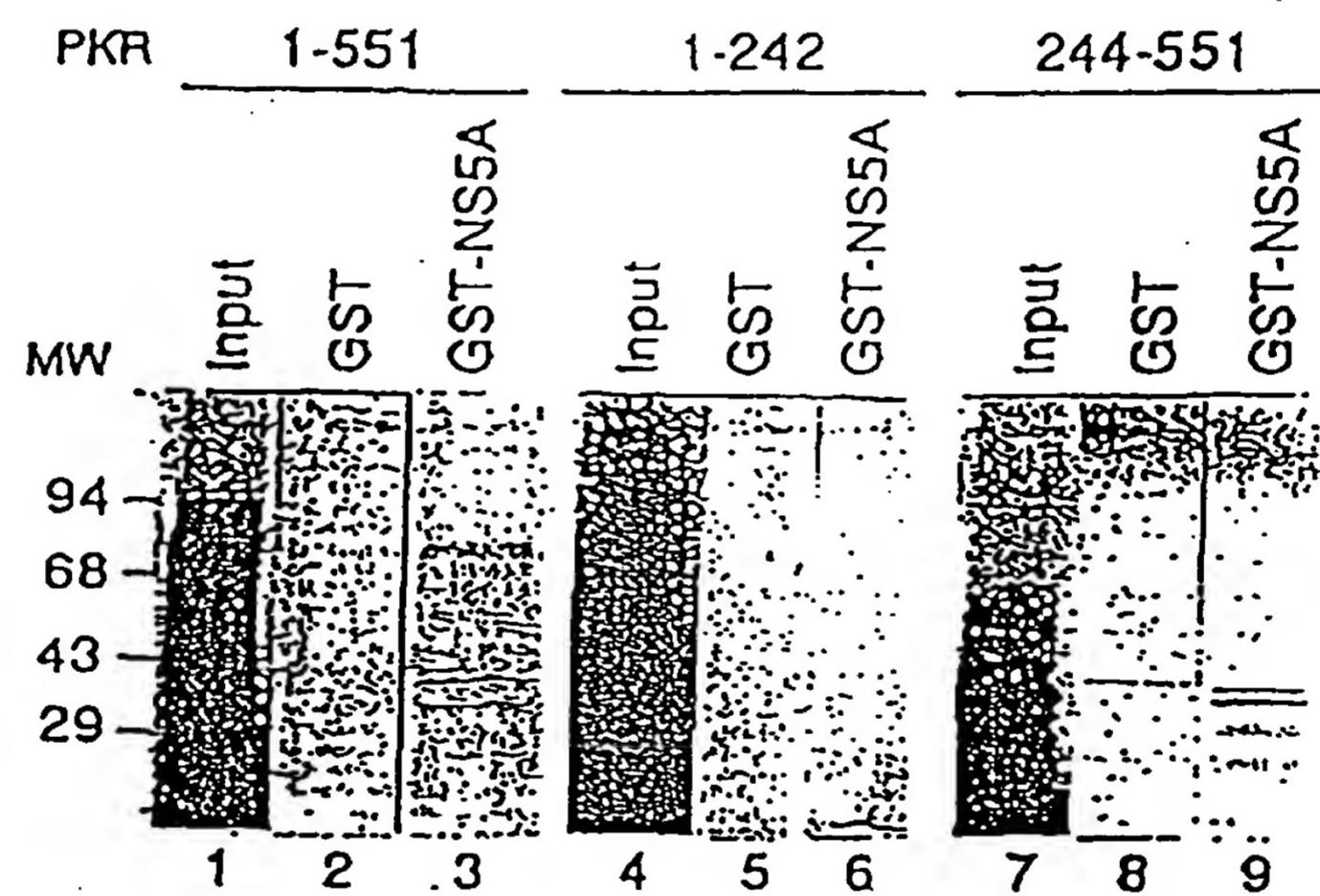
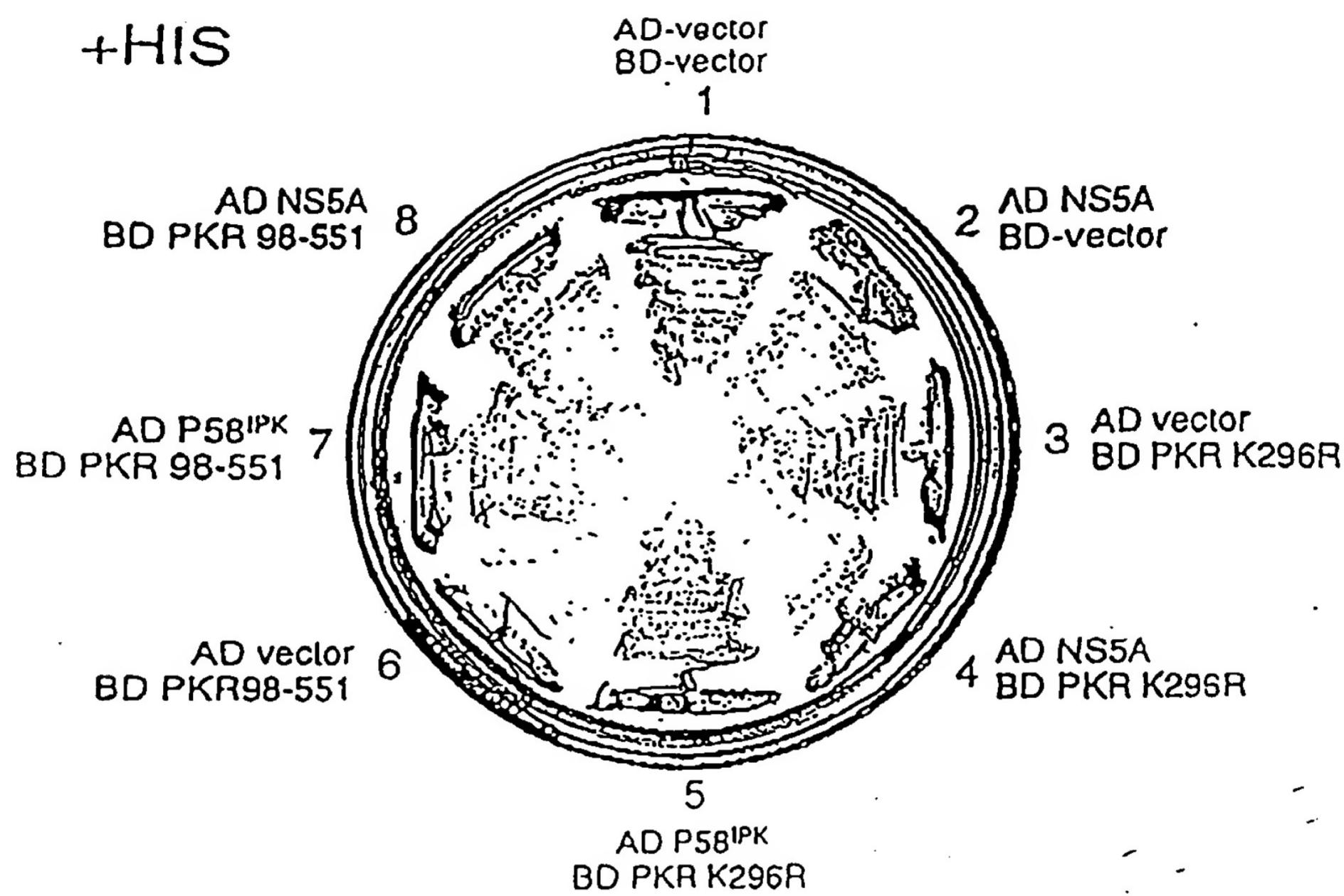


FIG. 2

4000 3000 2000 1000

+HIS



-HIS

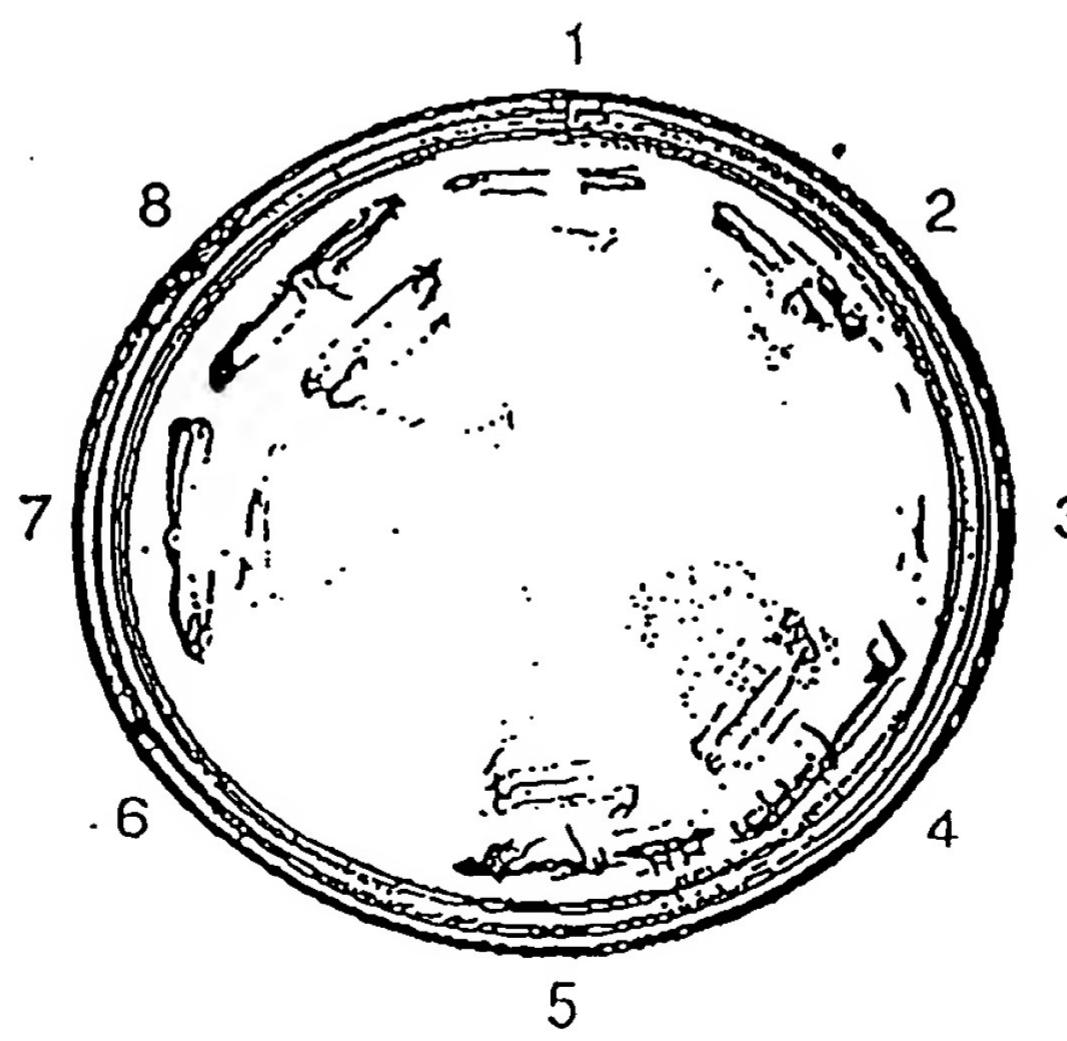


FIG. 3

NS5A Interacts with the PKR Protein Kinase Catalytic Domain *in Vivo*

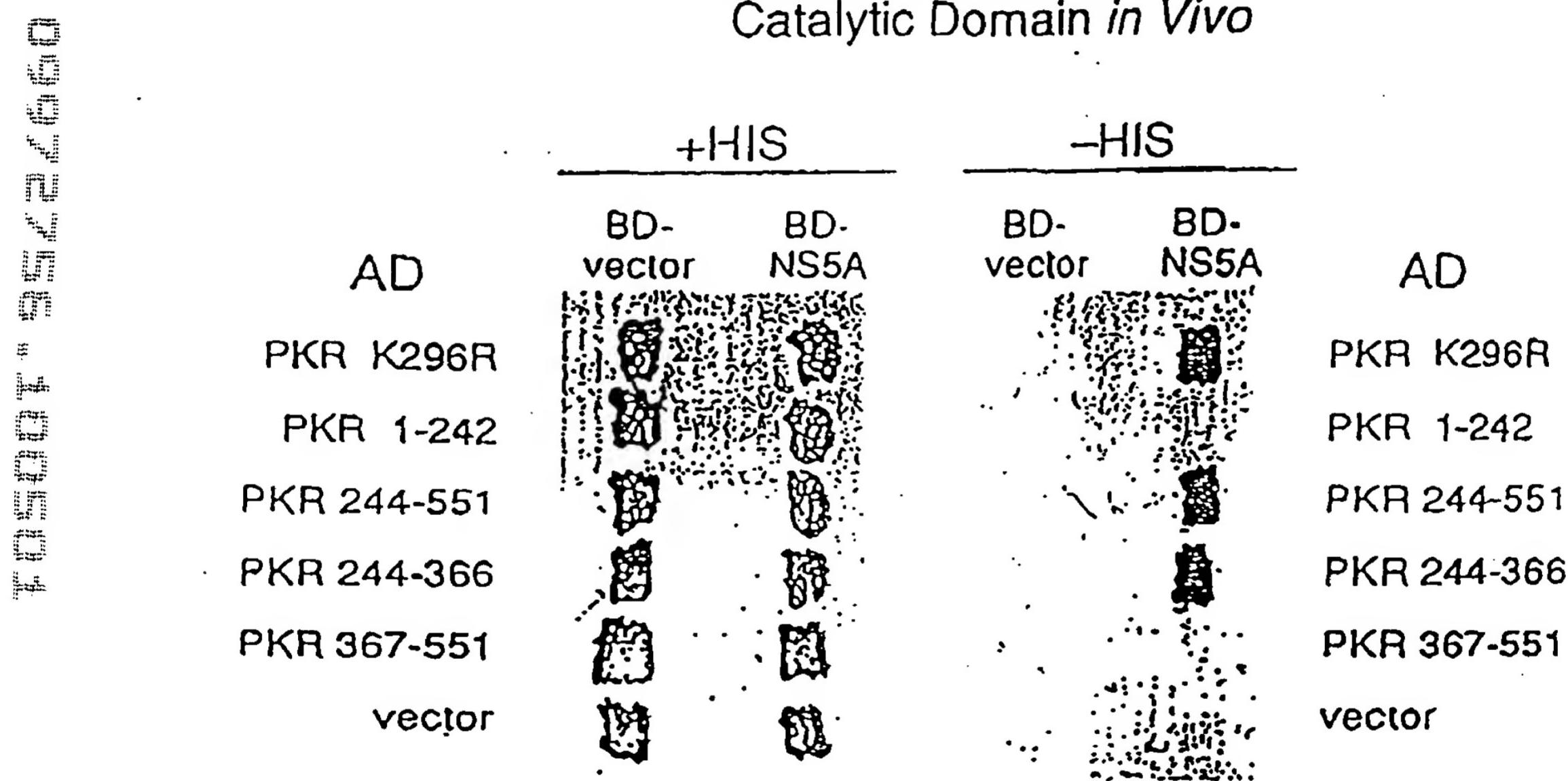


FIG. 4

0 1 2 3 4 5 6 7 8 9

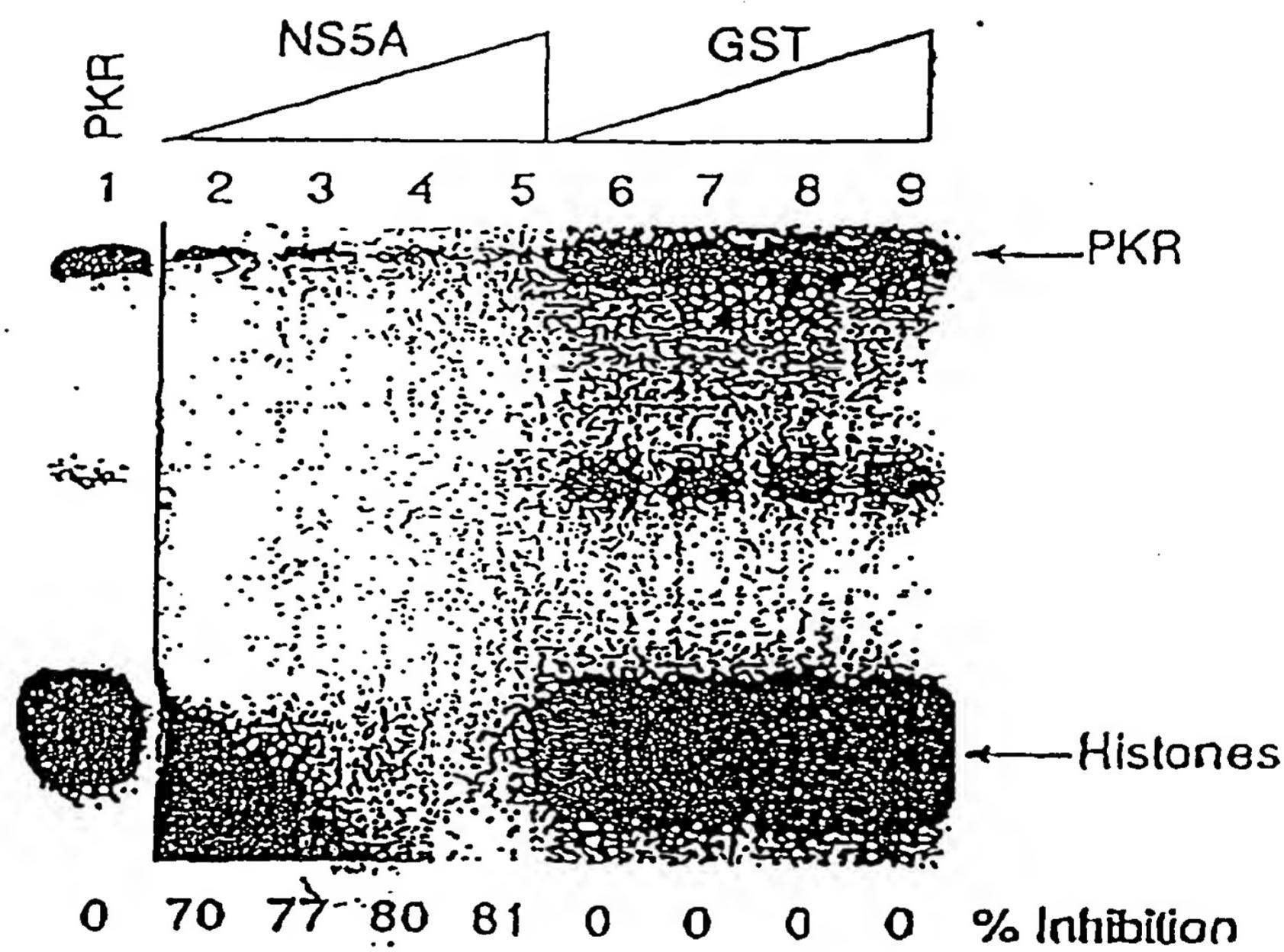


FIG. 5

© 1996 American Society for Microbiology

HCV NS5A Inhibits PKR-mediated Growth Suppression in Yeast

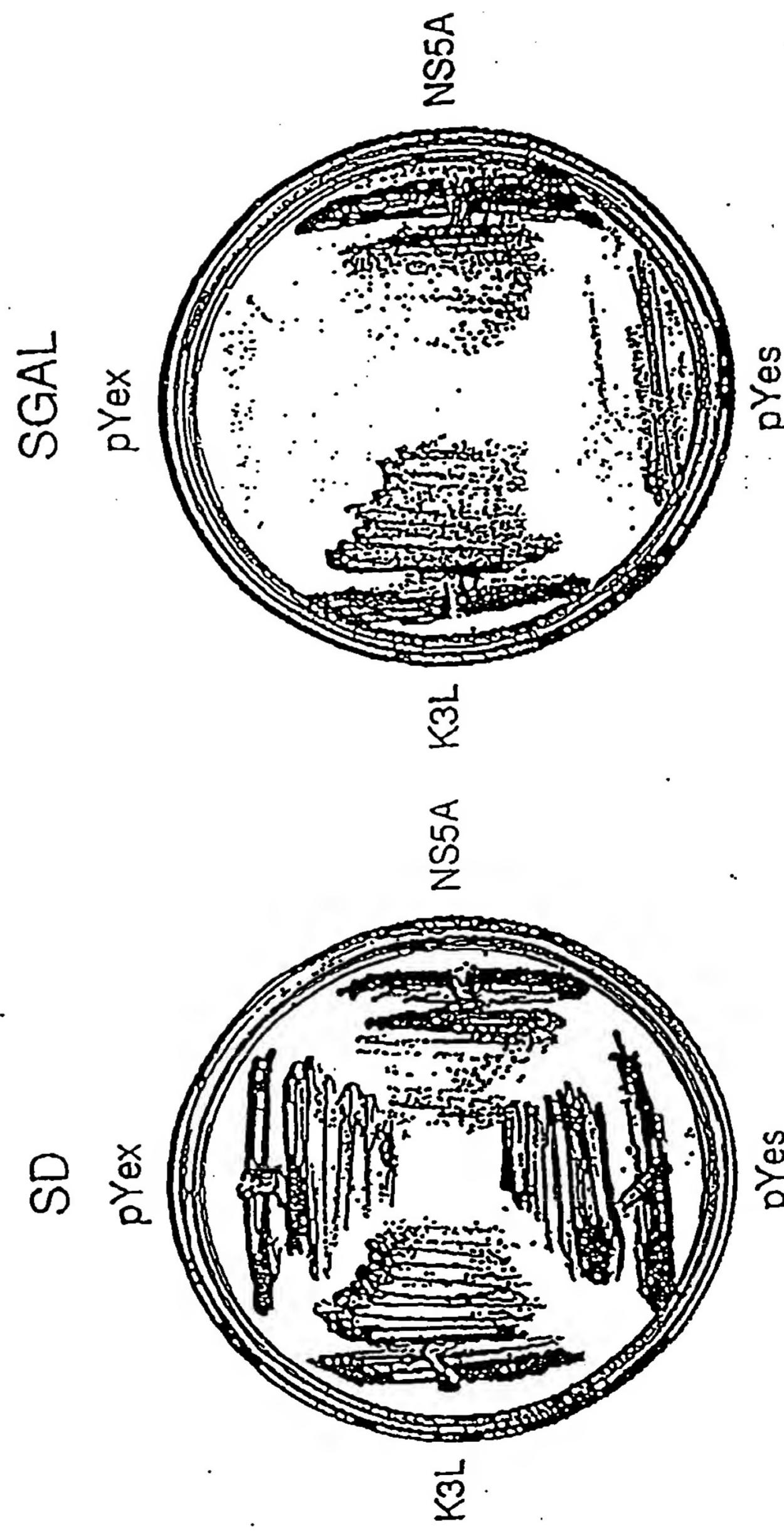


FIG. 6

0 1 2 3 4 5 6 7 8 9 10

eIF-2 α Phosphorylation

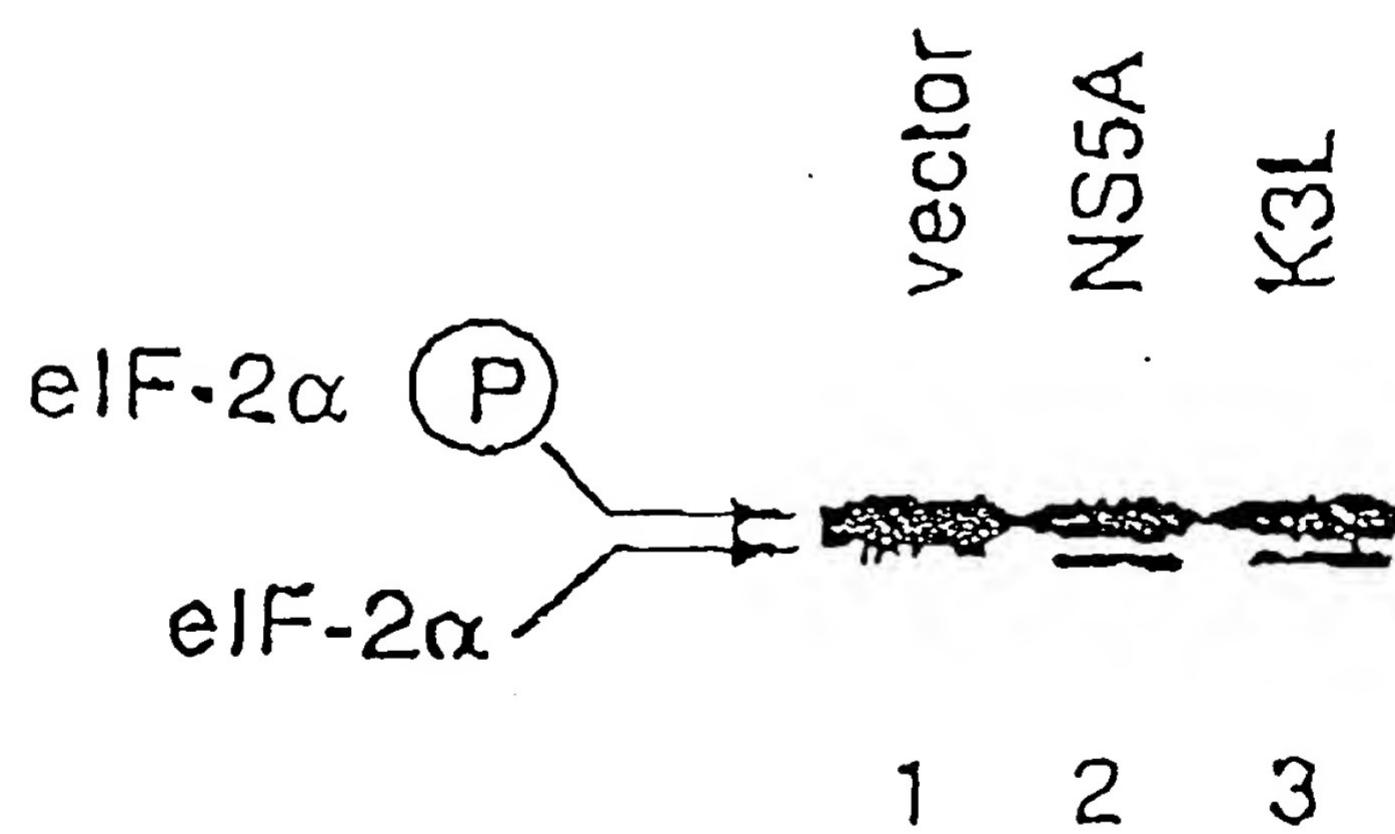


FIG. 7

Fig. 8

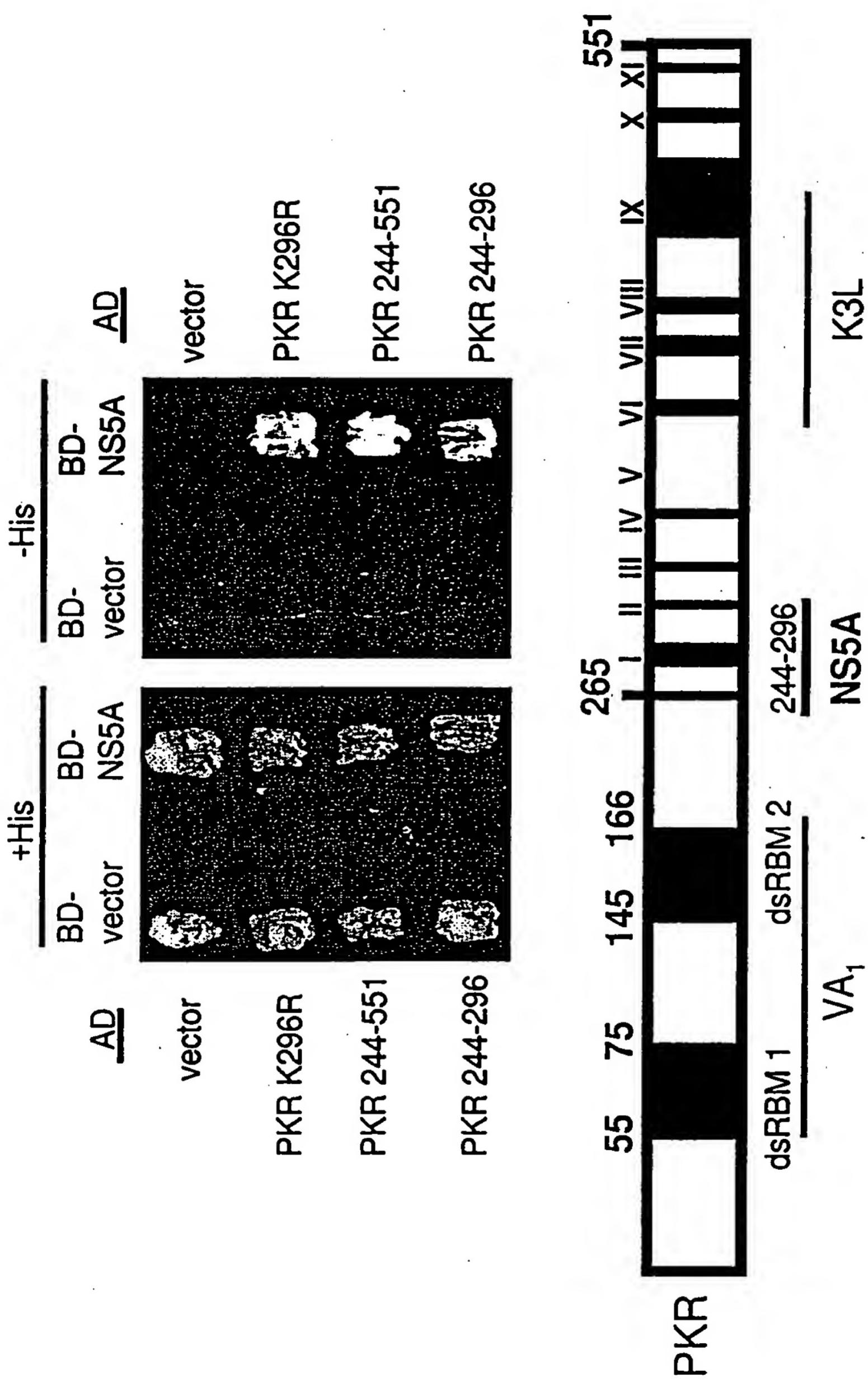
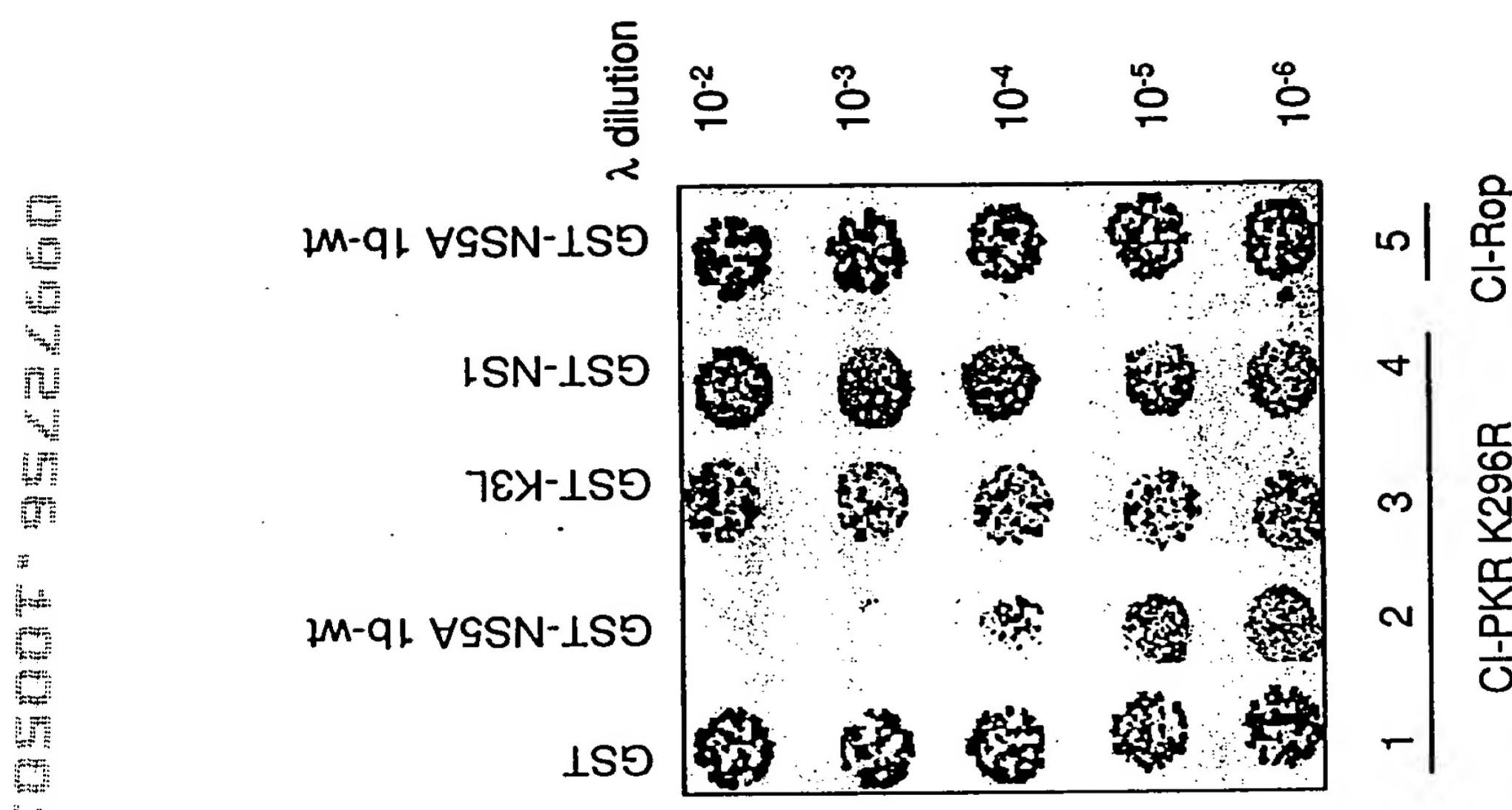


Fig. 9



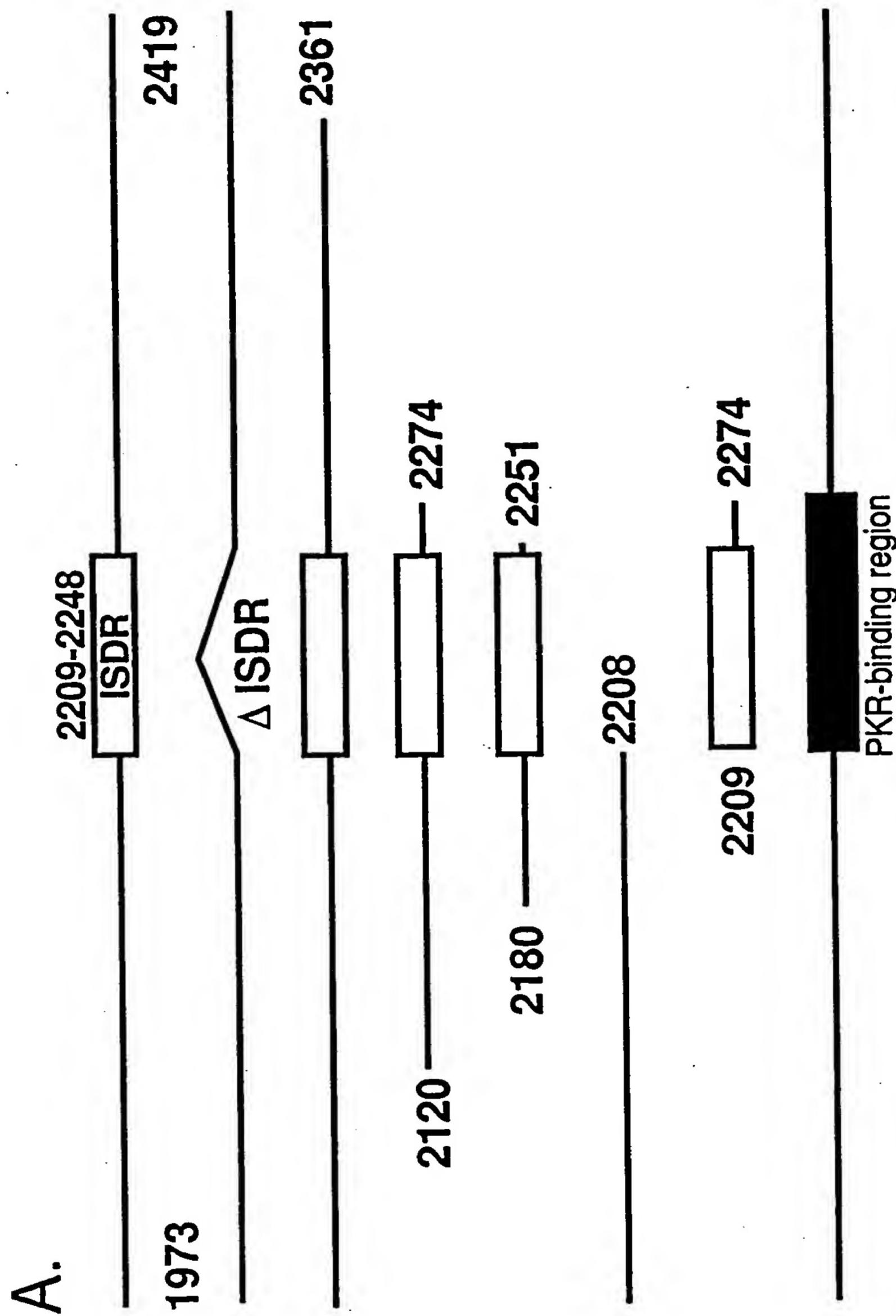


FIG. 10A

4
1973-2419
Vector
1973-2361
2120-2274
2209-2274
2180-2251
Vector
1973-2419
1973-2361
2120-2274
2209-2274
2180-2251
Vector
1973-2419
1973-2208



C.

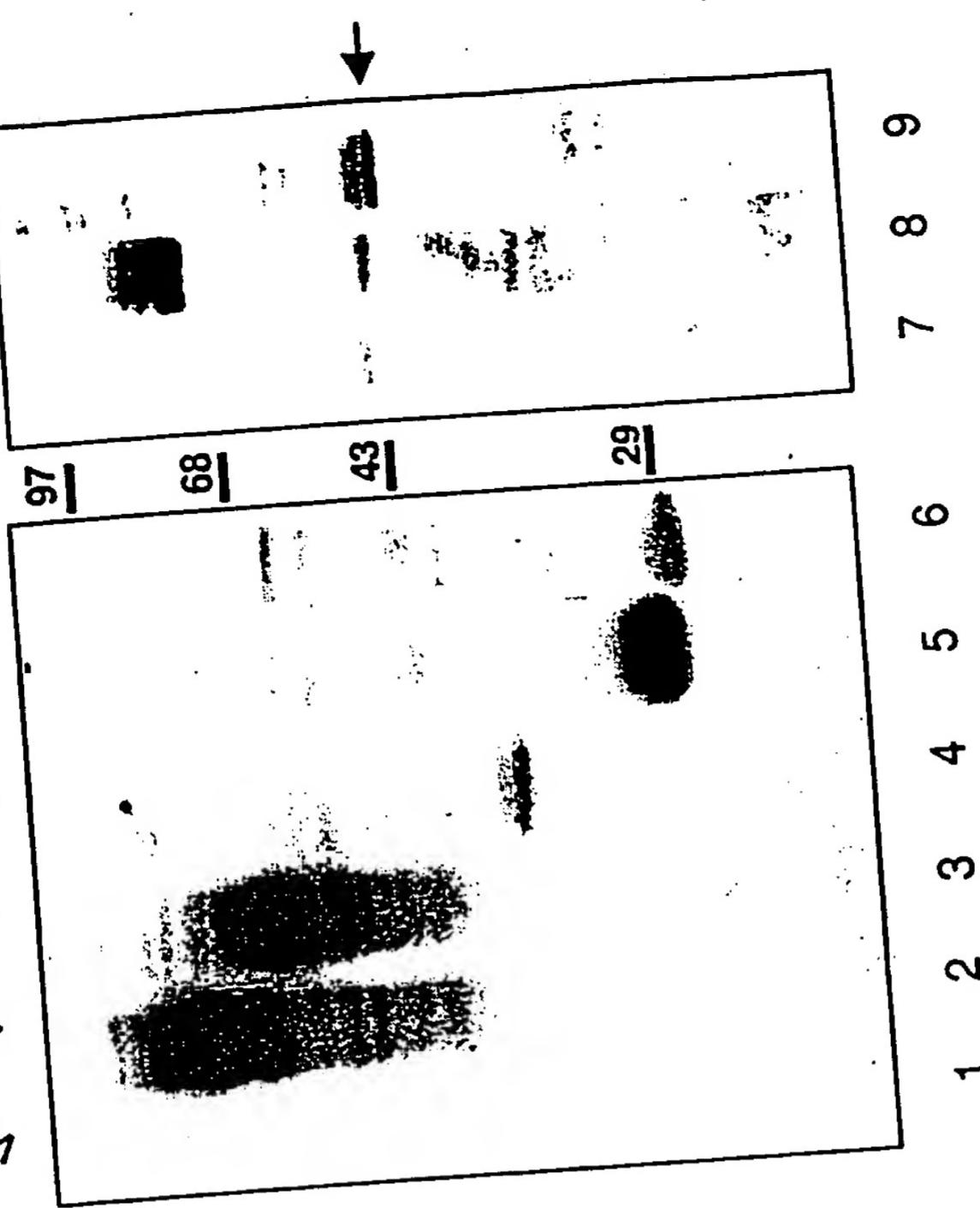
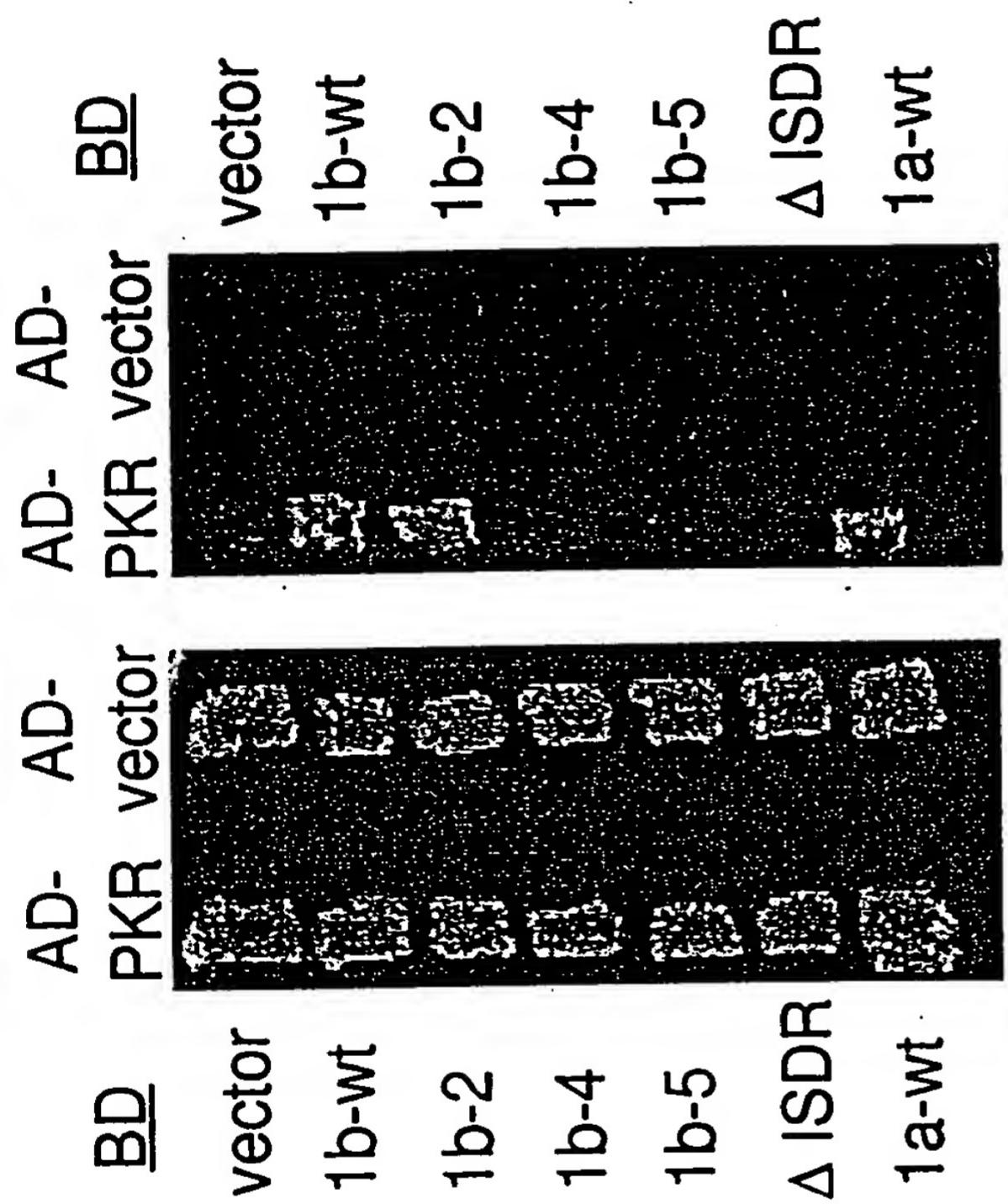


Fig. 10C

Fig. 10B

+His

A.



B.

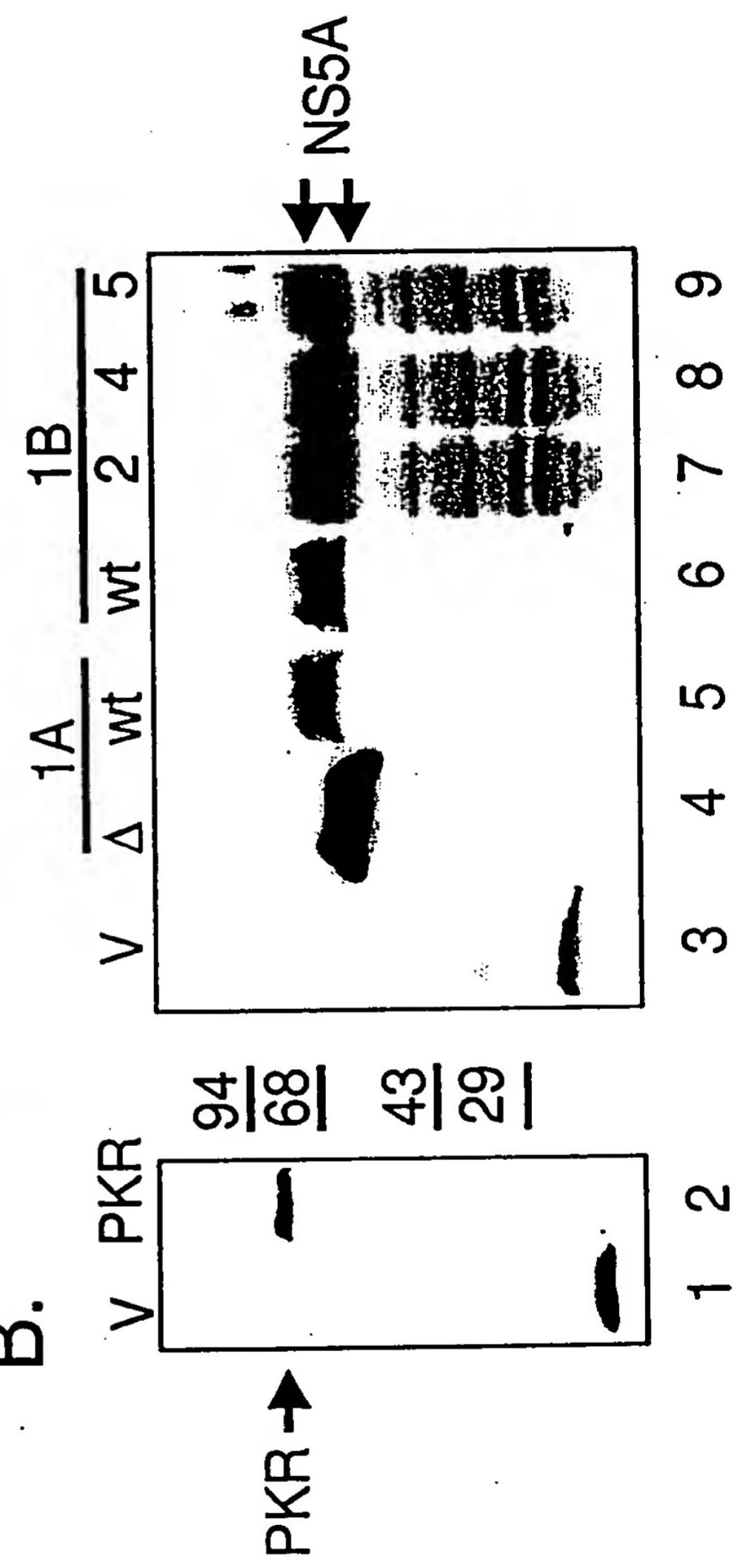
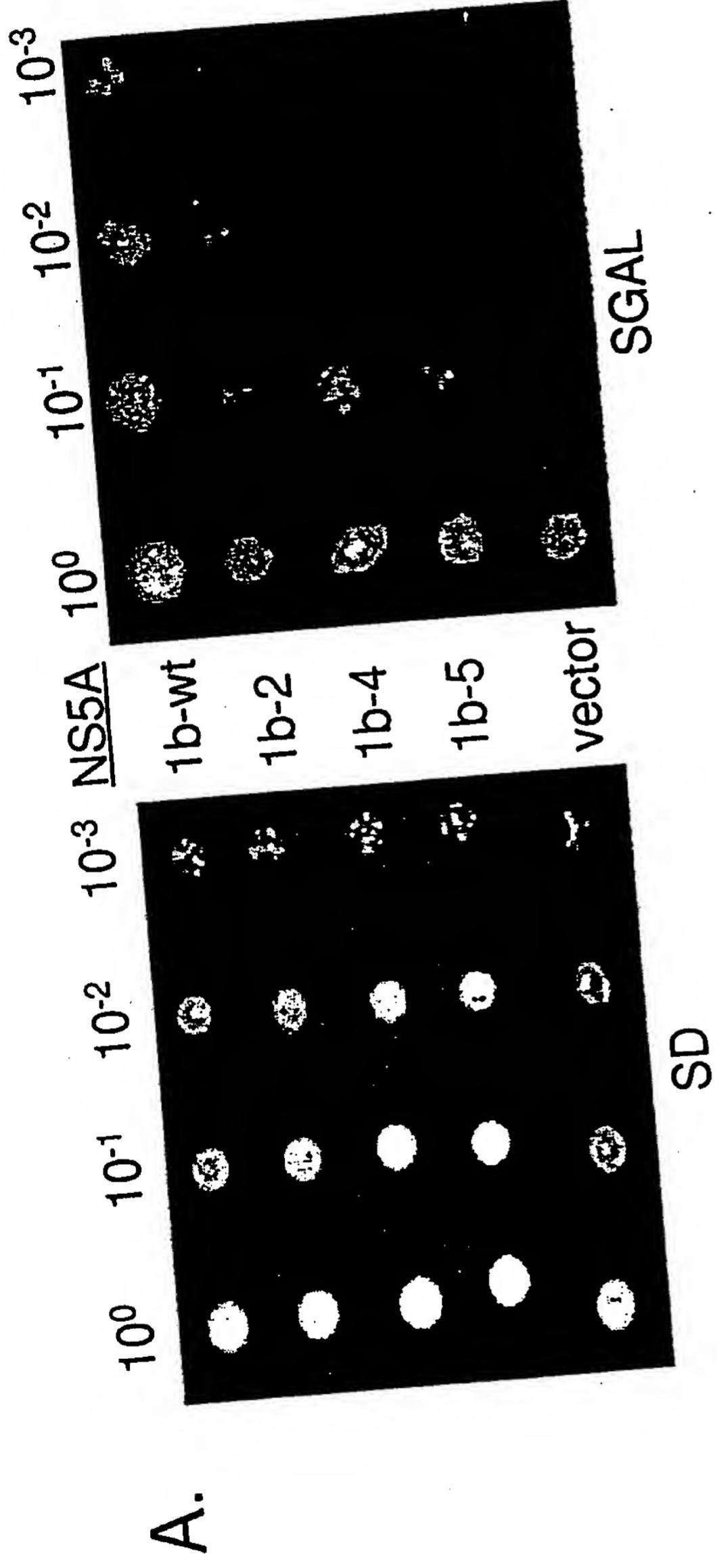


Fig. II



SD

SGAL

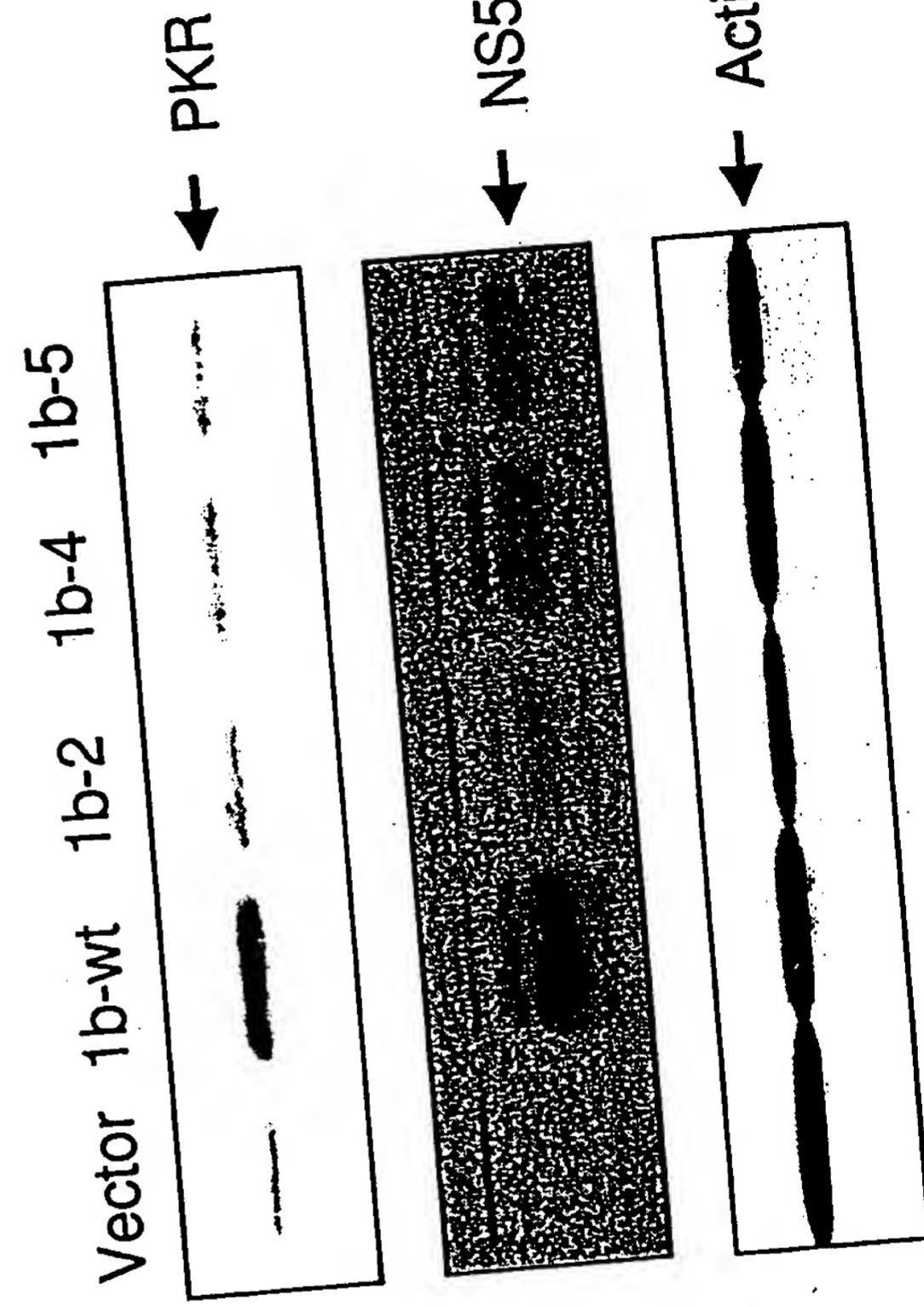


Fig. 12

16
V 1b-wt 1b-2 1b-4 1b-5 Δ 295-300 PKR

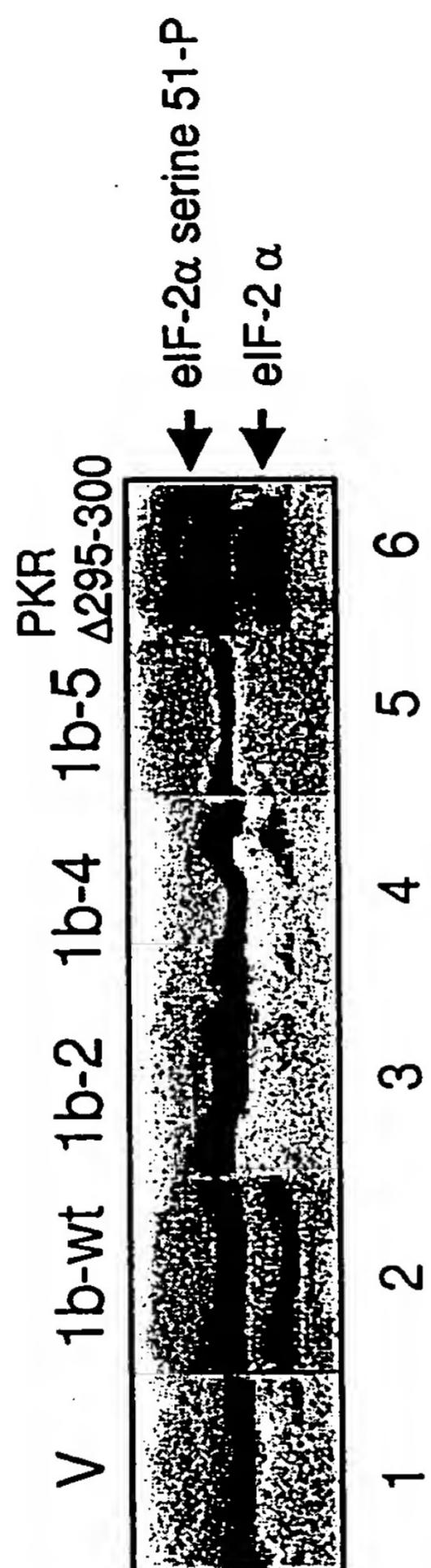


FIG. 13

Fig. 14

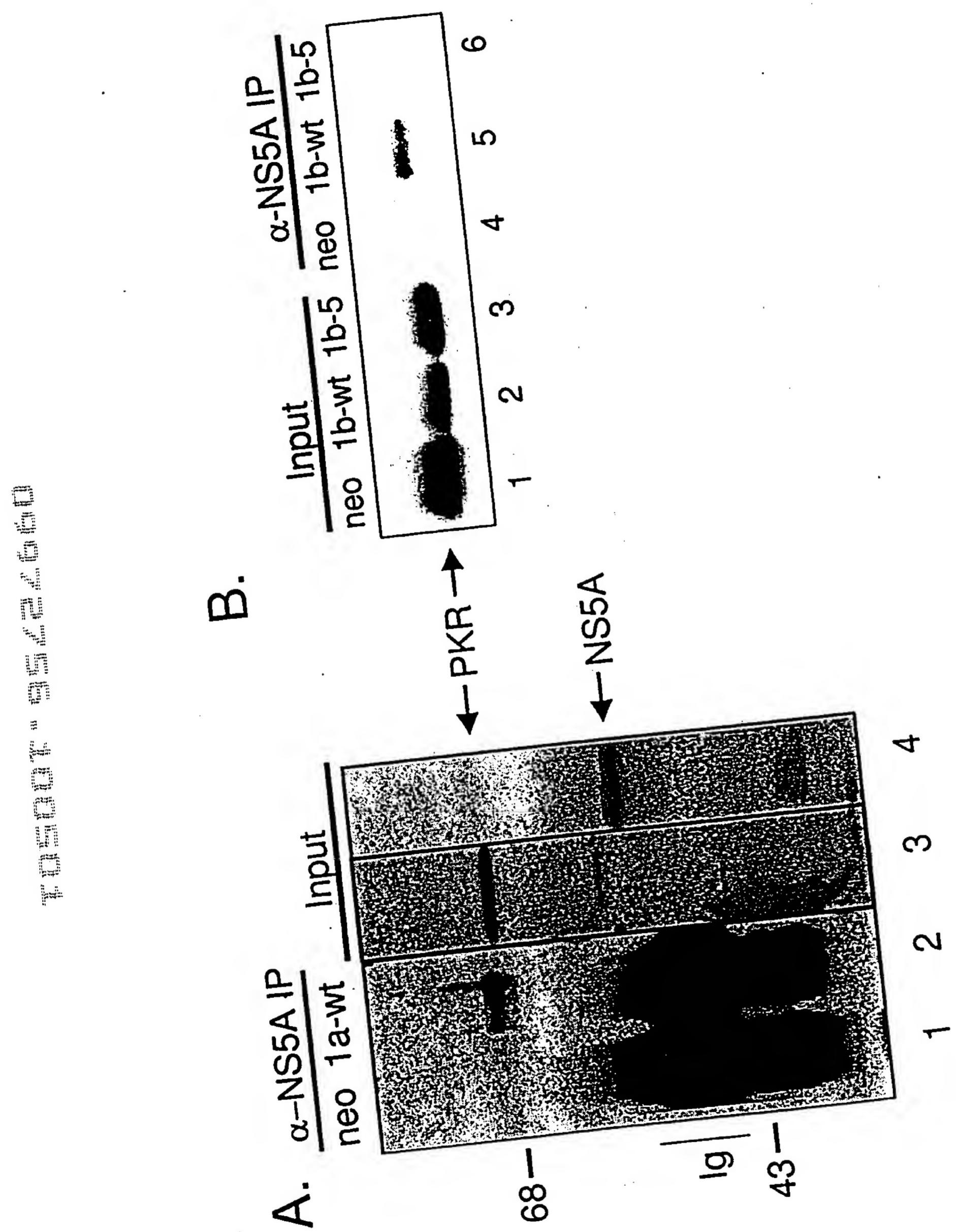
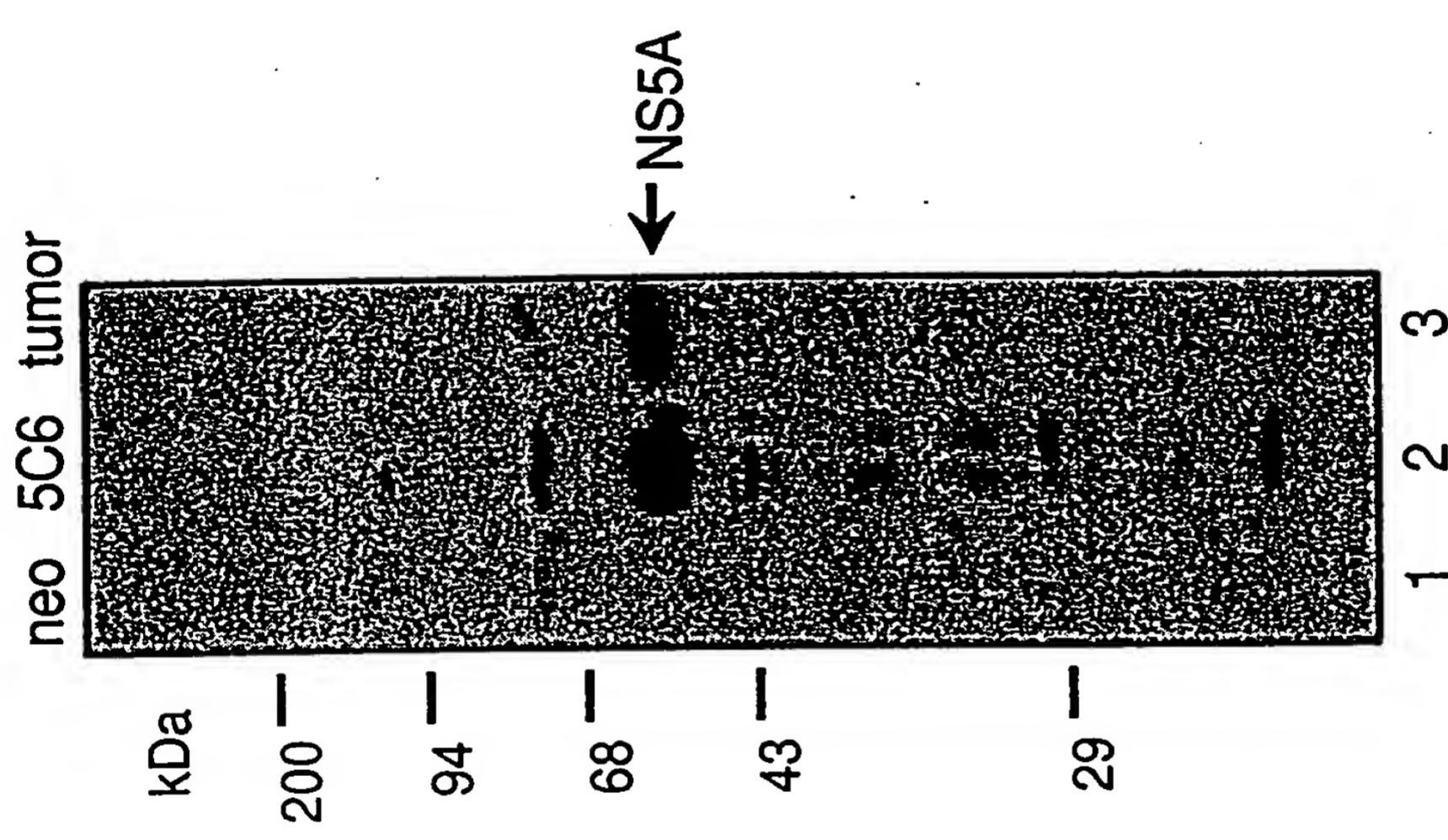


FIG. 15



Figures 14, 15, 16, 17